



NRESi WEEKLY NEWS

August 31 - September 11, 2015

A newsletter for faculty, staff, students and the community
who participates in the
Natural Resources & Environmental Studies Institute
and NRES Graduate Programs

NRESi NOTES

FROM THE DIRECTOR & RESEARCH MANAGER

Hello,

Welcome to the start of a new fall term.

UNBC is reaching the point where many familiar faces are now retiring, I just came from Sheila Keith's retirement reception, or moving on to new career opportunities, remembering also the recent farewell for Rob van Adrichem. NRESi is now facing our own farewell - our Research Manager Leanne Elliott will be starting a new position with the BC Ministry of Forests, Lands & Natural Resource Operations in Prince George in a week's time. Leanne has been the face and voice of NRESi since 2014 and has very capably helped us pursue the goals and objectives of the Institute. She will be sorely missed, but we wish her well in her continued career and will no doubt see her often in her new position with MFLNRO. We will be wishing Leanne farewell in a lunch at the Thirsty Moose Pub next week on Thursday. If you wish to join us, please RSVP to Jeanne Robert.

Darwyn Coxson
Director, NRESi

Hi everyone,

As Darwyn mentioned, my time with NRESi and UNBC is coming to an end on Thursday, September 17th. I really enjoyed meeting, getting to know and working with everyone involved with NRESi and its broader UNBC and northern BC community! I would like to thank all those who made me feel welcome and provided their support, with particular thanks to Bill McGill and Darwyn Coxson as Directors, the Steering Committee, and all NRESi members. I look forward to staying connected to NRESi and UNBC either through my new role and/or as a member of the broader Prince George community.

NRESi has already begun the search for someone to take my spot as Research Manager. The competition is currently open and review of applications will begin on September 25th, 2015. Information is available on UNBC's staff job board (found [here](#)) and I've also attached the job posting at the end of the newsletter. Please share with those who may be interested.



Leanne in Tombstone Territorial
Park, Yukon
Photo credit: A. Peacosh

REMINDER: Share your information about recent publications, grants, and/or other honours you may have received with others interested in future NRESi issues.

PLEASE EMAIL ALL INFORMATION AND MATERIAL TO: leanne.elliott@unbc.ca

We're on the web at : www.unbc.ca/nres-institute/newsletter

Despite the changes at NRESi, the term must go on! Some quick notes:

- **Colloquium series** will start on **Friday, Sept 18th in 8-166 during the usual 3:30-4:30 timeslot**. It will be available for remote participation through Livestream and Elluminate, as well as recorded for uploading to NRESi's video archive. You can find links to webcasting and past presentations [here](#). NRESi events are public and open to anyone who would like to attend; no need to RSVP. A tentative fall colloquium schedule can be found below.
- NRESi members are reminded that nominations for **NRESi Awards are due on Friday, September 18th**. Please send your nominations to Darwyn.
- NRESi is hosting its annual **NRES Graduate Student Icebreaker on Friday, October 16th**. The guest presenter will be Dr. Grant Gilchrist, Environment Canada and Adjunct with Carleton University. Grant will be doing a research talk during the colloquium at 3:30, as well as an informal presentation for graduate students and post-docs at 11am, talking about his lessons learned as he moved through his career. Following the presentation at 3:30, there will be a NRES graduate student poster session and reception. All are welcome!
- Watch for a new, searchable NRESi lecture video archive in the next couple of weeks! I expect it will get a place on NRESi's homepage, as well as on the menu along the side. All past presentations have also been uploaded to NRESi's new [YouTube channel](#).

Please be patient with NRESi during this time of transition. You might notice some differences, such as a break in the newsletter. We are making plans to maintain communications about upcoming events and activities as best we can.

I wish NRESi all the best in its future endeavors and look forward to staying in touch!

Leanne Elliott
Research Manager, NRESi

TENTATIVE COLLOQUIUM SCHEDULE

The line-up for the NRESi's fall colloquium series is coming together nicely! Here's an idea of who we currently have scheduled. Please note that this may change as the term progresses. Watch for announcements closer to the lectures confirming the presenter and topic. Lectures for the fall semester will be held in 8-166 and in the winter in 7-212 (to be confirmed in January).

Date	Tentative Presenter and/or Topic
Sept 18	Nicole Sukdeo, Post-Doc at UNBC, BMAP, NRESi
Sept 25	Reg Whiten, P.Ag. RPP, Resource Stewardship Planning and Agrology Consultant Watershed Stewardship in the Mackenzie River Basin: Contrasting Experiences in Northeast BC and the Yukon's Peel River Region
Oct 2	Cumulative Impacts Research Consortium - interactive presentation as part of its Launch Event
Oct 9	Ellen Petticrew, Research Chair of Landscape Ecology at UNBC
Oct 16	NRES Graduate Icebreaker, Awards Ceremony & Poster Session, Reception to Follow Student Nominated Guest Lecturer: Dr. Grant Gilchrist, Research Scientist with Environment Canada and an Adjunct Professor at Carleton University
Oct 23	Aynsley Thielman, Post-doc at UNBC, BMAP, NRESi
Oct 30	To be determined
Nov 6	Chief Roland Wilson, West Moberly First Nations

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TENTATIVE COLLOQUIUM SCHEDULE (continued)

Date	Tentative Presenter and/or Topic
Nov 13	Joint Presentation as part of Inspiring Women Among Us Events (Nov 13-25, 2015) Dr. Leigh Torres, from Oregon State University
Nov 20	Joint Presentation as part of Inspiring Women Among Us Events (Nov 13-25, 2015) Patrick Earley, Community Advocate for the Wikimedia Foundation; Wikipedia Editor - How do you solve a problem like Marie Curie? Wikipedia's efforts to ensure balanced representation in science content and contributors
Nov 27	Mark Groulx, Lecturer at UNBC, Environmental Planning

UPCOMING EVENTS

NRESi COLLOQUIUM

Dr. Nicole Sukdeo

Postdoctoral Researcher, UNBC NRESi BMAP Research Group, Soils



Who's there?: Describing soil fungal communities with high throughput DNA sequencing approaches

DNA sequencing targeting genomic regions suitable for scanning microbial diversity in environmental samples (e.g. soil, water, plant materials) is emerging as a useful approach to surveying "who" might be inhabiting a site of interest and how the community changes under different influences. In this talk I will:

- Provide an overview of how community profiling with target gene regions is generally performed
- Use several published studies on the disconnection of soil mycorrhizal fungi to photosynthetically derived carbon, to demonstrate how DNA sequencing approaches can be used to track the death of these soil fungi
- Provide examples of how DNA sequencing has been used in my own research to look at soil fungal communities from a subboreal spruce forest and how fungal community profiles might indicate soil disturbance.

Friday, SEPT 18th, 2015

3:30 pm - 4:30 pm

Room: 8-166

To participate remotely: http://www.unbc.ca/nres/nresi_webcast.html

UPCOMING EVENTS

NRESi COLLOQUIUM

Reg Whiten, P.Ag., RPP

Resource Stewardship Planning and Agrology Consultant

Watershed Stewardship in the Mackenzie River Basin: Contrasting Experiences in Northeast BC and the Yukon's Peel River Region

With the rapid expansion of resource development in the Peace River region, the work of watershed stewardship is a growing challenge. Managing for source water protection presents both challenges and opportunities in research and planning using appropriate tools and process. At the other end of the Mackenzie Basin is the Peel Watershed in the northern Yukon and one of the remaining wilderness regions of global significance. This presentation will highlight experiences in planning and management experiences in the two regions with a focus on understanding hydro-ecosystem values and functions as a foundation for integrated resource use.

Friday, SEPT 25th, 2015

3:30 pm - 4:30 pm

Room: 8-166

To participate remotely: http://www.unbc.ca/nres/nresi_webcast.html

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UPCOMING UNBC EVENTS

Global Fridays and the Department of Economics Presents China's Economy: What is Going On and What Will the Government Do?

Dr. Guoliang Hu, Director, Institute for Economic Research, Jiangsu Provincial Academy of Social Science
Dr. Yuanpeng Zhang, Director, Institute for World Economy and Politics, Jiangsu Provincial Academy of Social Sciences

TUESDAY, September 15, 2015

4:00pm – 5:30pm

Room: 7-152

Also available via Livestream: www.unbc.ca/livestream

UPCOMING UNBC EVENTS

If you are looking for an engaging discussion about local climate change planning, join colleagues for a webinar on climate change and community engagement hosted by the Federation of Canadian Municipalities. Details are listed below and space is limited to 12 participants. If you are interested, please contact Dr. Mark Groulx in the School of Environmental Planning.

Webinar Title: Having the climate change conversation: Tools and techniques to engage council and the community

Webinar Host: Federation of Canadian Municipalities – Partners for Climate Protection program

Date/Time: September 15th, 2015 from 9:00am - 10:30am

Location: 6-306

Cost: Free

Contact: Dr. Mark Groulx (mark.groulx@unbc.ca / ext. 25837)

Additional Info: See more on [their website](#) (Note: individual registration through the following website is not required)

PUBLICATIONS

Koiter, A.J., Owens, P.N., Petticrew, E.L., Lobb, D.A. 2015. The role of gravel channel beds on the particle size and organic matter selectivity of transported fine-grained sediment: implications for sediment fingerprinting and biogeochemical flux research. *Journal of Soils and Sediments* 15(10): 2174-2188.

Alex Koiter is also a Ph.D. candidate in NRES.

TRAVEL & CONFERENCES

Roger Wheate attended the 26th congress of the International Cartographic Association, as Canadian national delegate in Rio de Janeiro, August 24-28.

The sugarloaf in Rio (Pão de Açúcar)
Photo Credit: Roger Wheate



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OTHER ACTIVITIES ON CAMPUS

Brian and Menounos and Roger Wheate are hosting three interns from Germany via the DAAD - RISE (Research Internships in Science and Engineering) program, which funds German undergraduate students to work here on projects for 6-12 weeks in the fields of biology, chemistry, physics, earth sciences and engineering. The deadline for 2016 applications is October 15, 2015. To learn more, see: <http://www.daad.de/rise-weltweit/en/index.html>

Visiting interns Luzie Schmollack, Birte Kulla and Christina Kramer get an unexpected bonus break from glaciers, watching Ken Otter skin a skunk, found on Cranbrook Hill.

Photo credit: Roger Wheate



Jane Young was co-host for the “Starting an Academic Life at UNBC: New Faculty, Post-Doctoral Fellow and PhD Orientation” on September 1. There she facilitated the Chairs’ Roundtable discussion, “Starting a Successful Career at UNBC”, and another panel discussion, “Who Are Our Students”. Jane was also part of the planning committee for the 2015 UNBC/CNC Teaching and Learning Conference which took place on September 2 and 3. At the meeting she led a watercooler session, “Promoting Wellness in the Classroom”. Both the orientation and conference were put on by the UNBC Centre for Teaching, Learning and Technology.

IN THE NEWS

Stay up-to-date with the latest NRESi and member news by following us on Twitter: [@UNBC_NRESi](https://twitter.com/UNBC_NRESi)

Roger Wheate participated in a PechaKucha Presentation which is 20 slides for 20 seconds each! He walked the audience through the history of Prince George through maps in his presentation titled: ‘Mapping Prince George: Then, Now and Beyond’. Check it out [here](#).

The National Geographic recently had a story about caribou in northern BC and includes a quote and reference to **Chris Johnson’s** research. See the article and the beautiful photos [here](#)!

Marli Bodhi was recently interviewed by CBC’s Radio One Daybreak North on her NRES graduate research, supervised by Annie Booth and **Zoe Meletis**. Her studies looked at access to local food in communities like Terrace and Fort St. John. Listen to the interview [here](#).

And in other UNBC-related media: Our Prince George campus was included in a Huffington Post round-up of ‘The Most Eye-Catching Campus Buildings In Canada’. See the article and photos from across the country [here](#).

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NRESi MEMBER RESEARCH

Keith Egger, Hugues Massicotte and Chow Lee, accompanied by research associates Maggie Li and Linda Tackaberry, were on a glorious 10-day expedition from August 18-28 "hunting" potential mushroom specimens on a transect from Prince George to Haida Gwaii. The project, spearheaded by Chow, documents potential medicinal compounds of interest (e.g. anti-cancer, antibiotic) extracted from fungi.



Left: Species - Xylaria
Photo credit: H. Massicotte



Above: An example of a non-edible woolly chanterelle, found on Terrace Mountain
Species - Gomplus floccosus
Photo credit: H. Massicotte

Right: There was also more than just mushrooms that caught their eye... Hugues described this photo as a story about the millipede who wanted to hitchhike on a snail. Their hypothesis? It would be a seriously slow form of transit! ;)

Photo credit: H. Massicotte



HIGHLIGHTS FROM RECENT NRESi MEMBER FIELD COURSES

A joint 405 and 605 Geography course in Fluvial Geomorphology was held Aug 29-Sept 8 out of UNBC's Quesnel River Research Centre. The mix of graduate and undergraduate students investigated disturbed natural rivers, artificially engineering channels and conducted projects in QRRC's 35 m gravel bed flumes. The course was lead by **Ellen Petticrew**.



Fluvial Geomorphology students and course instructor Ellen Petticrew (second from left) at the Quesnel Forks
Photo submitted by: Ellen Petticrew



Some students at in the flumes at the Quesnel River Research Centre
Photo submitted by: Ellen Petticrew

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HIGHLIGHTS FROM RECENT NRESi MEMBER FIELD COURSES

Paul Sanborn's (mostly) on-line Soil Formation and Classification (FSTY 425) course began with a 3-day field trip to the Williams Lake and Quesnel Lake areas on Labour Day weekend. This year's class includes students from UNBC, SFU, UBC, TRU and U of Alberta.

The UNBC Systematic Botany field camp was held in Terrace and at Cassiar Cannery near Port Edward during the last 2 weeks of August. This is the 3rd time the course has been held in the northwest region. The students enjoyed their hands-on learning experience and visit to representative ecosystems. Many thanks to Cassiar Cannery for hosting our experiential learning module and for providing accommodation and meals in their heritage buildings. The course was led by **Darwyn Coxson**.



Course students examining salt marsh communities at Cassiar Cannery
Photo submitted by: Darwyn Coxson



Students working in the improvised lab facility at Cassiar Cannery
Photo submitted by: Darwyn Coxson

Roy Rea had 8 students in Field Applications in Resource Management (NREM 333) this summer (last two weeks before the fall semester). The students spent 4 days in the Aleza Lake Research Forest, a day doing Range in Vanderhoof and 8 days at the John Prince Research Forest. The case study for this year's camp was 'Habitat Management'. Thanks to all NRESi members that came out to help with camp!

Field Camp Students collect and show off mushrooms with Roy Rea and Hugues Massicotte.
Photo Credit: Linda Tackaberry – August 31, 2015



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OTHER RECENT NRESi FIELD VISITS

Twenty students from the Land Reclamation International Graduate School, based at the University of Alberta, spent the afternoon of September 10th with **Paul Sanborn**, **Mike Jull**, and Colin Chisholm at the Aleza Lake Research Forest. As part of a 10-day tour of reclamation research sites in BC, the group viewed and discussed long-term research plots established by Paul and his colleagues in 1995-96, to test methods for restoring forest productivity to damaged forest soils.

WRAP-UP OF NRESi'S UNBC 25th ANNIVERSARY PROJECTS

After over a year of planning and organizing, NRESi is finishing up the last of its tasks related to its projects in honour UNBC's 25th anniversary. Last weekend, a sign was put up next to the site where 11,000 seedlings were planted in recognition of the 16,000 petition signers that helped make the dream of UNBC become a reality. Want to see the trees? This plot is approximately 40 km east of Prince George on Highway 16, on the south side of the road (before you reach Purden Provincial Park). A similar sign will also be installed at the John Prince Research Forest, where the other 5,000 seedlings were planted.

The final step is installing a plaque in front of the tree planted on September 2nd, 2014 in the Ceremonial Circle at the Prince George campus. The plaque should appear in the next few weeks.

NRESi would like to once again thank everyone, both within UNBC and our external partners, who helped with our projects. We could not have done it without you! We hope our efforts as part of the celebration are those that will help UNBC and the northern BC community remember a very important milestone in its history and be a lasting legacy for those to come.



Above: The sign on Hwy 16 describing the 16,000 trees project



Left: A year later - NRESi's 25th Anniversary tree (foreground) planted Sept 2, 2014 in the ceremonial circle at the Prince George campus.

Right: A close-up of the language that appears on the signs associated with the 16,000 seedlings.

UNBC UNIVERSITY OF
NORTHERN BRITISH COLUMBIA
**Natural Resources and
Environmental Studies Institute**

This grove of trees was planted in recognition of the University of Northern British Columbia's 25th Anniversary in 2015. These trees represent a portion of the 16,000 trees planted around Northern BC during the anniversary year in honour of the 16,000 people who became members of the Interior University Society in the late 1980's. Their advocacy led to the establishment of UNBC in 1990.



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UNBC'S BIOENERGY DAY CELEBRATIONS

Invitation to National Bioenergy Day

To the NRESi Community,

I would like to invite you to join us for National Bioenergy Day, on Wednesday, October 21st at UNBC. National Bioenergy Day is a day of recognition for companies, institutions and communities using locally produced biomass to provide heat, power and jobs. The day is celebrated across Canada and the United States. UNBC is proud of its award winning leadership in teaching, research and demonstration in bioenergy and is pleased to mark National Bioenergy Day by providing an opportunity to build connections and enhance the capacity of organizations working to bring about a sustainable energy transition right here in Northern BC. This event is the next in a series of conversations and collaborations between UNBC, industry and communities.

There are several ways for you to be involved in National Bioenergy Day at UNBC:

Take part in an Information Fair

From 9:30am-11:30am, we will host an Information Fair in the Canfor Wintergarden to share bioenergy initiatives, technology and projects undertaken by UNBC, and in partnership with industry and communities. Researchers will showcase advancements in the field at UNBC, students will share knowledge they are gaining through their coursework, and UNBC's energy program will be on display demonstrating how UNBC is leading the way in the use of bioenergy to reduce fossil fuel use, greenhouse gas emissions and operating costs. **We would also like to invite you to participate by hosting a booth to showcase your experience and achievements to UNBC and the broader community.**

Join us for a lunchtime pellet BBQ

From 12pm-1pm, we are hosting a networking BBQ at the bioenergy plant. This is an opportunity to meet fellow participants, UNBC researchers, students and staff, while eating great food cooked using biomass pellets.

Join a Tour of UNBC's Biomass Facilities

The Sustainable Communities Demonstration Project is a multi-phased investment in infrastructure at UNBC to model a true community based energy system on campus. Throughout the day, we will be offering tours of the bioenergy plant using gasification to heat the campus, and the newest phase of the project that will connect a new low temperature hot water piping loop to student residences and the UNBC daycare. If you or your organization would like to take part in a tour, you are welcome to book a tour in advance or join in on an open tour at 1pm.

Please respond by Friday September 25th if you are able to take part in National Bioenergy Day, including any requirements you may have for the Information Fair. To do so, please contact Dr. Kyrke Gaudreau, UNBC Sustainability Manager at Kyrke.Gaudreau@unbc.ca or (250) 960-6623. If you are unable to attend Bioenergy Day, but wish to be involved in future related events, please let us know.

I look forward to hearing from you and hope to see you on October 21st.

Sincerely,

Kyrke Gaudreau
UNBC Sustainability Manager

A worker prepares the pipe on the Sustainable
Communities Demonstration Project
Photo submitted by: K. Gaudreau



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DID YOU SEE THIS VIDEO?

The Office of Research put together a video highlighting the past successes and future vision of research at UNBC, as part of the 25th anniversary celebrations. A number of NRESi members participated and are shown in the interviews. Check out the video through the link found on their website, as well as other information about the Office of Research: <http://www.unbc.ca/research>

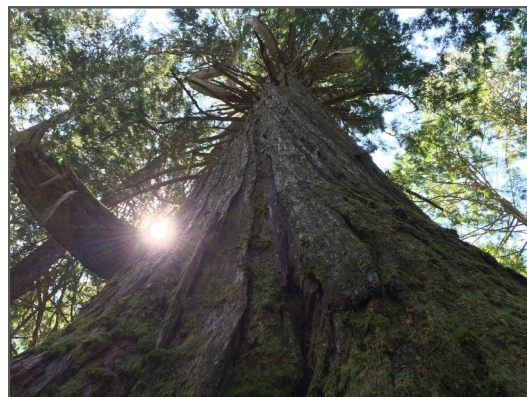
THROWBACK THURSDAY...ON FRIDAY

In the early years of UNBC, Rob van Adrichem hosted 'Spotlight on UNBC', a series that showcased the research of the first faculty, the development of the Prince George campus, and more! Since some of those Founding Faculty are amongst us and many are members of NRESi, it's interesting to see where their research and the technology to support their work has come over the past 20-25 years. Here's one with our very [own Director, Darwyn Coxson and past NRESi member Susan Stevenson](#) and another with [Hugues Massicotte](#). For our 'Royal Watchers', here's one all about when the [Queen came to open the PG campus](#). To find more, check out this [YouTube search](#).

DID YOU KNOW?

Recent estimates describe the number of trees globally is around 3 trillion. To come up with this number, researchers combined ground-based surveys with satellite imaging to find higher densities than anticipated - more than seven times the previous estimate! While this is excellent news, it needs to be taken into context that approximately 15 billion trees are cut down each year and since the onset of agriculture (approximately 12,000 years ago) the number of trees has dropped by 46%. To read more, see the article [here](#).

One of the three trillion, found in the Ancient Forest
Photo credit: L. Elliott



MITACS FUNDING OPPORTUNITY

Students interested in a 2016 Globalink Research Internship have until **September 24, 2015, at 4 p.m. PDT** to apply.

The Globalink Research Internship is a 12-week research project for high-achieving senior undergraduates from international universities from Australia, Brazil, China, France, India, Mexico, Saudi Arabia, Tunisia, and Vietnam.

Starting May 2016, approved students travel to Canada, where they work with a faculty supervisor and other researchers at their host universities.

Interns receive:

- Accommodations and student stipend
- Professional development workshops
- Local Globalink mentors

For more information for both students and faculty interested in getting involved, visit the [Globalink Research Internships web page](#).

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CUMULATIVE IMPACTS RESEARCH CONSORTIUM

The **Cumulative Impacts Research Consortium (CIRC)** is pleased to invite you to its upcoming launch event being held on **October 2-3, 2015 at the UNBC Campus in Prince George, BC.**

CIRC was created in the wake of a January 2014 forum hosted by the Community Development Institute, the Health Research Institute and the Natural Resources and Environmental Studies Institute at UNBC. The forum explored how to tackle the cumulative impacts of resource development across BC's northern regions. To continue fostering these conversations through dedicated research and community engagement, CCIRC will investigate environmental, community and health impacts associated with resource development. For more information on CIRC, please visit www.unbc.ca/cumulative-impacts.

The October launch event will: introduce CIRC's vision, academic leads, and advisory committee; share and discuss examples of research and practice on cumulative impacts across northern BC; and, provide opportunities for participants to share their concerns and help shape CIRC's future research and public engagement activities. We will also be launching a new book produced by UNBC researchers and northern community partners resulting from the January 2014 forum entitled: *The Integration Imperative: Cumulative Environmental, Community and Health Impacts of Multiple Natural Resource Developments*.

This event is open to the public and will take place on the evening of Friday October 2nd (6:30-9:00PM) and Saturday October 3rd (8:00AM-4:00PM). Light refreshments will be provided on Friday evening, with coffee and lunch provided to registered participants on Saturday. **We encourage you to RSVP (for attendance in person, or online for the Friday evening event) to help us plan accordingly.** A full schedule will be made available closer to the date of the event. For more information and to RSVP, please contact Chris Buse at: email - chris.buse@unbc.ca , 250.960.5778 (office) or 1.778.349.4242 (cell)

SUSAN STEVENSON MEMORIAL FUND - GOAL REACHED, BUT KEEP DONATING!

As its first project of this kind, the Natural Resources and Environmental Studies Institute (NRESi) has established the Susan Stevenson Memorial Fund, in memory of wildlife ecologist and NRESi member Susan Stevenson. During a 35-year career built primarily in the BC central interior, Susan designed and implemented important research and inventory projects related to mountain caribou habitat, lichen biology, and silvicultural systems, collaborating with a diverse range of researchers, and gave generously of her expertise to the next generation of scientists. Susan exemplified the Institute's values of interdisciplinary curiosity and unselfish collaboration, and enriched the lives of all those who worked and studied with her.

Efforts have succeeded in reaching the goal of \$15,000 that will be matched by UNBC to allow for an annual award. Next steps will be to identify award criteria. The inaugural award is hoped to be presented in the 2016-2017 academic year. NRESi would like to thank everyone who donated! More information will follow in the coming months, as well as award criteria for students interested in applying.

Even though we have reached our goal, those interested in supporting NRES students are still welcome to donate. The more money in the fund, the more we are able to make available to our students and/or someday we may be able to present multiple awards. Donations may still be received through the following steps:

1. Visit UNBC Development Office's website: www.unbc.ca/giving
2. Click on the grey **Make a Gift** button
3. Enter the information requested
4. When you reach the question of **Please direct my donation to:** select **Other**
5. **Important** - In the **Comments** area, add that you would like your gift to be contributed to the **Susan Stevenson Memorial Fund**

COLLOQUIUM ARCHIVE

Did you miss a colloquium or special lecture? Visit NRESi's webcast archive to catch up! They can be found [here](#).

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NRESi RESEARCH MANAGER JOB POSTING

Note: There have been changes to the job parameters from the position Leanne held. See below.

Research Manager
Term (September to March 2016), Part time (21 hours a week)
Natural Resources and Environmental Studies Institute

The Natural Resources and Environmental Studies Institute (NRESi) at the University of Northern British Columbia (UNBC) is seeking a full-time Research Manager based at the Prince George campus. The NRESi Research Manager will develop and lead projects, provide outreach services, build relationships, foster communication and provide coordination that support NRESi's purpose of facilitating innovative and interdisciplinary research on issues relating to natural resources and the environment. A key goal in achieving this purpose is to integrate across perspectives to better understand the functions, viability, and values of natural resource and environmental systems. Helping communities affect their futures and challenging researchers to contribute to innovation through research are the consequences of this goal. The purpose of the NRESi Research Manager is to assist in reaching these ends.

Responsibilities:

Reporting to the Director, the successful applicant will:

- Support Colloquia, special events, workshops and collaborations among NRESi members and between them and the public by attending to scheduling and logistics; communication with sponsors where appropriate; liaison with conference services, EMS and colloquia coordinators etc.
- Foster extension and other scholarly publications by soliciting items, editing, publishing and promoting NRESi publications.
- Maintain and manage the NRESi web site
- Increase external collaboration by researching the potential for building networks among complementary organizations with a view to successful competition for joint and mutually beneficial projects.
- Facilitate internal collaboration by maintaining contact and effective communication with the other research institutes at UNBC
- Coordinate Contract proposals by assisting "Research Delivery Groups (RDGs)" to coalesce, liaise with agencies to ensure details of their needs, expectations and constraints are well understood and fully documented; liaise with UNBC Research Services respecting IP, indirect costs and ethics; liaise with Purchasing, Contracts and Risk Management respecting contract details, provide logistic and editorial support for RDGs in developing responses to RFPs and ensure completeness and professionalism of all such responses.
- Coordinate collaborative grant proposals of "Research Interest Groups (RIGs)" by liaising with UNBC Research Services respecting IP and granting council programs, indirect costs and ethics; providing logistic and editorial support for them in developing funding proposals and assuring completeness and professionalism of proposals.
- Ensure infrastructure needs such as space, telephones, computer lines etc. are known, communicated to appropriate UNBC decision making authorities and progress of such requests and proposals is monitored.

Qualifications:

This position requires a research based graduate degree in a Natural Resource or Environmental Studies area, and a minimum of three years of experience managing research or research-related programs. *An equivalent combination of education and experience will be considered.*

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NRESi RESEARCH MANAGER JOB POSTING (continued)

Knowledge, Skills and Abilities:

- High level of initiative and self- direction.
- Excellent verbal and written communications skills.
- Strong presentation skills, preferably with publishing experience.
- Ability to work collaboratively and to build and support collaborative teams.
- Knowledge of the needs of researchers.
- Knowledge of interdisciplinary connections within research programs and how to facilitate them.
- Knowledge of important players external to UNBC with whom NRESi may collaborate or for whom it may provide services.
- Knowledge of external funding sources (NSERC, SSHRC NIHR, CFI etc.).
- Proficiency with standard computer software programs, database creation and maintenance and web updating using Drupal.

Salary:

The annual salary for this position is \$62,000 – \$70,000 (prorated for hours worked and length of term) commensurate with qualifications plus full health benefits. The funding for this project is for one year pending success in securing continuing funding.

The position is based at the Prince George Campus of UNBC. Some travel to meetings outside Prince George and to the field will be required. A valid driver's license is required.

To Apply:

Please forward your resume and proof of education quoting competition #15-135AC to:

Human Resources, University of Northern British Columbia,
3333 University Way, Prince George, BC, V2N 4Z9
Email submissions: HRecruit@unbc.ca
Inquiries: (250) 960-5521

All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority. The University of Northern British Columbia is committed to employment equity and encourages applications from women, aboriginal peoples, persons with disabilities and members of visible minorities.

We thank all applicants for their interest in UNBC however, only those applicants selected for further consideration will be contacted.

Applications will be accepted until the position is filled, however review will begin on September 25, 2015

REMINDER: Share your information about recent publications, grants, and/or other honours you may have received with others interested in future NRESi newsletter issues.

PLEASE EMAIL ALL INFORMATION AND MATERIAL TO: leanne.elliott@unbc.ca